

ABSTRACT OF THE DISCLOSURE

A random orbital abrading machine having a housing, a drive shaft driven by a housing mounted motor for rotation about a first axis of rotation, an assembly for connecting a work surface abrading pad or the like to the drive shaft, wherein the pad is adapted to undergo free rotational movement about a second axis disposed parallel to the first axis of rotation, as such pad is caused to orbit about such first axis of rotation, characterized in that the assembly is designed for dampening vibration due to a drag force acting on the pad when engaged with the work surface under predetermined working conditions.

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